==========
Sequence Listing could not be accepted due to errors.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2011; month=4; day=15; hr=15; min=37; sec=0; ms=546;]
==========

****
Reviewer Comments:
<160> 26

The number provided for numeric identifier <160> must match the total number of sequences in the file. There were 28 sequences counted in this sequence listing. Numeric identifier <160> states there are a total of 26 sequences. Please make all necessary changes.

<210> 27
<211> 20
<212> DNA
<213> homo sapien

<400> 27

atcgacaagg tacccaggat

The sequence rules require that "the enumeration of nucleotide bases shall start at the first base of the sequence with 1. The enumeration shall be continuous through the whole sequence in the direction 5' to 3'. The enumeration shall be marked in the right margin, next to the line containing the one-letter codes for bases, and giving the number of the last base of that line." The enumeration is not marked in the right margin for SEQ ID # 27 and 28, please make all necessary changes.

Numeric Identifier <213> response should be corrected the first letter should be upper case as below:

<213> Homo Sapien

To correct the sequence listing errors noted in this report - The recommended method for correction of errors is to access the sequence listing working file using the software program in which the listing was originally prepared, e.g., the project file in Patent In, make any necessary corrections within that program, then generate a new sequence listing file. Use of a word processing program to correct errors directly in the original sequence listing file is strongly discouraged, since such programs often introduce unintended changes to the sequence listing, rendering the listing unacceptable. When the working file or original program is not available for correction, then use of a common or plain text-only editor, such as NotePad, to edit the original sequence listing file may suffice.

****

Validated By CRFValidator v 1.0.3

Application No: 10574182 Version No: 2.0

Input Set:

Output Set:

Started: 2011-04-06 19:48:13.071
Finished: 2011-04-06 19:48:15.124
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 53 ms
Total Warnings: 28
Total Errors: 3
No. of SeqIDs Defined: 26
Actual SeqID Count: 28

Error code		Error Description
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W	402	Undefined organism found in <213> in SEQ ID (2)
W	402	Undefined organism found in <213> in SEQ ID (3)
W	402	Undefined organism found in <213> in SEQ ID (4)
W	402	Undefined organism found in <213> in SEQ ID (5)
W	402	Undefined organism found in <213> in SEQ ID (6)
W	402	Undefined organism found in <213> in SEQ ID (7)
W	402	Undefined organism found in <213> in SEQ ID (8)
W	402	Undefined organism found in <213> in SEQ ID (9)
W	402	Undefined organism found in <213> in SEQ ID (10)
W	402	Undefined organism found in <213> in SEQ ID (11)
W	402	Undefined organism found in <213> in SEQ ID (12)
W	402	Undefined organism found in <213> in SEQ ID (13)
W	402	Undefined organism found in <213> in SEQ ID (14)
W	402	Undefined organism found in <213> in SEQ ID (15)
W	402	Undefined organism found in <213> in SEQ ID (16)
W	402	Undefined organism found in <213> in SEQ ID (17)
W	402	Undefined organism found in <213> in SEQ ID (18)
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W	402	Undefined organism found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2011-04-06 19:48:13.071
Finished: 2011-04-06 19:48:15.124
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 53 ms
Total Warnings: 28
Total Errors: 3
No. of SeqIDs Defined: 26
Actual SeqID Count: 28

Error code	Error Description
	This error has occured more than 20 times, will not be displayed
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(27)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(28)
E 252	Calc# of Seq. differs from actual; 26 seqIds defined; count=28

SEQUENCE LISTING

<110> Albert, Lai

<120> NOVEL SPLICE VARIANTS OF HUMAN Dkk11

<130> PP023359.0003

<140> 10574182
<141> 2011-04-06

<150> PCT/US04/34256
<151> 2004-09-30

<150> 60/507682
<151> 2003-09-30

<160> 26

<170> FastSEQ for Windows Version 4.0

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<211> 819
<212> DNA
<213> homo sapien

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cgggatggac tccgcaaggg gacccacaag gacgtcctag aagaggggac cgagagctcc 660
tcccactcca ggctgtcccc ccgaaagacc cacttactgt acatcctcag gccctctcgg 720
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<211> 242
<212> PRT
<213> homo sapien

<400> 2
Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val
 1   5   10   15
Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Ala Ala Ala Pro
            20   25   30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
        35   40   45

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Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
    50                  55                  60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65                  70                  75                  80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
                85                  90                  95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Arg Thr Asp Asn
            100                 105                 110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
        115                 120                 125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
    130                 135                 140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145                 150                 155                 160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
                165                 170                 175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu
            180                 185                 190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
        195                 200                 205
His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg
    210                 215                 220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225                 230                 235                 240
Gln Leu
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<212> DNA
<213> homo sapien

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ccacacagaa ctccatcccc gggtggcctt ctggatcatt aagctgccac ggcggaggtc 540
ccaccaggat gccctggagg gcggccactg gctcagcgag aagcgacacc gcctgcaggc 600
catccgggat ggactccgca aggggaccca caaggacgtc ctagaagagg ggaccgagag 660
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tcggcagctg tag 733

<210> 4
<211> 242
<212> PRT
<213> homo sapien

<400> 4
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 1               5                  10                  15
Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Ala Ala Ala Pro
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```
            20                  25                  30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
        35                  40                  45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
    50                  55                  60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65                  70                  75                  80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
                85                  90                  95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
            100                 105                 110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
        115                 120                 125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
    130                 135                 140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145                 150                 155                 160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
                165                 170                 175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu
            180                 185                 190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
        195                 200                 205
His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg
    210                 215                 220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225                 230                 235                 240
Gln Leu
```

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<211> 733
<212> DNA
<213> homo sapien

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cctctccagc cacctccaga tcgacaagat gaccgacaac aagacaggag aggtgctgat 360
ctccgagaat gtggtggcat ccattcaacc agcggagggg agcttcgagg gtgatttgaa 420
ggtacccagg atggaggaga aggaggccct ggtacccatc cagaaggcca cggacagctt 480
ccacacagaa ctccatcccc gggtggcctt ctggatcatt aagctgccac ggcggaggtc 540
ccaccaggat gccctggagg gcggccactg gctcagcgag aagcgacacc gcctgcaggc 600
catccgggat ggactccgca aggggaccca caaggacgtc ctagaagagg ggaccgagag 660
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tcggcagctg tag 733

<210> 6
<211> 242
<212> PRT
<213> homo sapien

<400> 6

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Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val
 1               5                  10                  15
Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro
            20                  25                  30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
        35                  40                  45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
    50                  55                  60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65                  70                  75                  80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
                85                  90                  95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
            100                 105                 110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
        115                 120                 125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
    130                 135                 140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145                 150                 155                 160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
                165                 170                 175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu
            180                 185                 190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
        195                 200                 205
His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg
    210                 215                 220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225                 230                 235                 240
Gln Leu
```

<210> 7
<211> 733
<212> DNA
<213> homo sapien

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agagagctcc ttgggtctca caggcctcca gagcctactc caaggcttca gccgactttt 180
cctgaaaggt aacctgcttc ggggcataga cagcttattc tctgcccccа tggacttccg 240
gggcctccct gggaactacc acaaagagga gaaccaggag caccagctgg ggaacaacac 300
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catccgggat ggactccgca aggggaccca caaggacgtc ctagaagagg ggaccgagag 660
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<210> 8
<211> 242
<212> PRT

<213> homo sapien

<400> 8

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Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val
 1               5                  10                  15
Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro
            20                  25                  30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
        35                  40                  45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
    50                  55                  60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65                  70                  75                  80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
                85                  90                  95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
            100                 105                 110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
        115                 120                 125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
    130                 135                 140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145                 150                 155                 160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
                165                 170                 175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu
            180                 185                 190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
        195                 200                 205
His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg
    210                 215                 220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225                 230                 235                 240
Gln Leu
```

<210> 9
<211> 733
<212> DNA
<213> homo sapien

<400> 9

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agagagctcc ttgggtctca caggcctcca gagcctactc caaggcttca gccgactttt 180
cctgaaaggt aacctgcttc ggggcataga cagcttattc tctgccccca tggacttccg 240
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<210> 10
<211> 242
<212> PRT
<213> homo sapien

<400> 10
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Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro
            20   25   30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
        35   40   45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
    50   55   60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65   70   75   80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
                85   90   95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
            100   105   110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
        115   120   125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
    130   135   140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145   150   155   160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
                165   170   175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu Ser Glu
            180   185   190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
        195   200   205
His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser Ser His Ser Arg
    210   215   220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225   230   235   240
Gln Leu

<210> 11
<211> 733
<212> DNA
<213> homo sapien

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tcggcagctg tag 733

<210> 12
<211> 242
<212> PRT
<213> homo sapien

<400> 12
Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val
 1   5   10   15
Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro
            20   25   30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
        35   40   45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
    50   55   60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65   70   75   80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
                85   90   95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
            100   105   110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
        115   120   125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu